

Florida Department of Environmental Protection Environmental Resource Permit Annual Status Report

Permit Condition/Activity	% of Completion	Date of Anticipated Completion	Date of Completion
Construction of water transfer ditch to allow the conveyance of water from the active mining area in Phase IA to the existing Mine Pits A and B on the north side of the mine (Phase IV).	100	Not Applicable	12/01/2002
Installation of Pump No. 1	100	Not Applicable	12/01/2002
Construction of discharge structures S-1 and S-2	100	Not Applicable	12/01/2002
Mining activities in Phase IA	38.61 acres (approx. 63%)	2007	
Mining activities in Phase IB	25.75 acres (approx. 36%)	2010	
Water Quality Monitoring <u>Type:</u> Turbidity - Nephelometric Turbidity Units (NTU's). <u>Frequency:</u> At least daily, after a rain event, when water is present in wetland. <u>Location:</u> Within any preserved wetlands. <u>Compliance:</u> If monitoring reveals levels in excess of 29 NTU's above background, the permittee shall immediately comply with Specific Condition No. 10.	Water quality monitoring has not been necessary to date. Mining activities have not progressed toward the wetlands of concern to warrant these actions.	Not Applicable	
Erosion and Sedimentation Control Monitoring <u>Type:</u> Visual inspection. <u>Frequency:</u> Monthly and after each rainfall event of two inches or greater. <u>Location:</u> All turbidity, sedimentation, and erosion control structures. <u>Compliance:</u> Best management practices for turbidity and erosion control shall be utilized and maintained at all times during the work authorized by this permit.	Ongoing	Not Applicable	

January 29, 2007

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Water Level Monitoring <u>Type:</u> Visual inspection. <u>Frequency:</u> Biweekly during the wet season (June through October) and monthly during the dry season (November through May) <u>Location:</u> At staff gauges and monitoring wells shown of Figure 3 <u>Compliance:</u> Water within wetlands shall be maintained at levels to promote growth and persistence of wetland species.	Ongoing	Not Applicable	
Vegetation Establishment in Mitigation Wetlands Monitoring <u>Type:</u> Percent cover by appropriate wetland vegetation. <u>Frequency:</u> Annually during September or October. <u>Location:</u> Trees: 20-foot by 50-foot plots Groundcover: Point quadrat at a 50- or 100-foot interval along transects. <u>Compliance:</u> Sufficient cover by native wetland species to prevent turbidity or erosion less than 1 percent exotic and 5 percent nuisance plant cover.	Ongoing	Not Applicable	